

DEFENSE INFORMATION INFRASTRUCTURE (DII)  
COMMON OPERATING ENVIRONMENT (COE)  
SHARED DATA ENVIRONMENT (SHADE)

**VERSION DESCRIPTION DOCUMENT (VDD)**

FOR THE

**DATABASE ADMINISTRATION  
RUNTIME TOOLS (DBAdmR)  
SOFTWARE SEGMENT**

**Version 1.1.0.0**  
for  
**Solaris 2.5.1 & HP-UX 10.20**

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# **1. Scope. Scope**

## **1.1 Identification.1 Identification**

This document is intended to provide pertinent information needed for variant integrators and testers. Information provided includes the following:

- Inventory of Software Contents
- Interface Compatibility
- Related Documents
- Summary of Change
- Known Problems

### **1.1.1 Segment.1.1 Segment**

Database Administration Runtime Tools (DBAdmR) Software Segment

### **1.1.2 Version.1.2 Version**

1.1.0.0 for Solaris 2.5.1 or HP-UX 10.20

### **1.1.3 Date Completed.1.3 Date Completed**

July 1, 1997

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## **1.2**

## Segment Overview.2      Segment Overview

The Database Administration Runtime Tools (DBAdmR) Software Segment provides the Database Administrator (DBA) with a set of Graphical User Interface (GUI) tools that will manage physical storage, start and stop the Database Management System (DBMS) server, modify the DBA password, and display the error logs.

The DBAdmR segment also provides DII COE database segment developers with a basic set of Application Programming Interfaces (API) that will allow them to start and stop the DBMS server and manage physical storage.

The DBAdmR segment supplies the following DBA tools:

- Identify Storage - Identifies disk devices on a COE Database Server and allows the DBA to allocate and deallocate physical storage on those disk devices.
- Server Control - Starts or stops the DBMS server.
- Set Password - Prompts for and sets the DBA password.
- Error Logs - Displays the error logs of the other 3 tools.
- Extend Datastore – Allocate additional physical storage for an existing datastore.

The DBAdmR segment also supplies the following APIs:

- DBAStartServer - Start a DBMS Server, if not running.
- DBAStopServer - Stop a DBMS Server, if running.
- DBACreateDS - Create a data store on a COE Database Server and allocate physical storage to the data store.
- DBAExtendDS - Allocate additional physical storage to an existing data store.
- DBADropDS - Remove a data store from a COE Database Server and deallocate the physical storage assigned to that data store.

## 2.

## **Version Description. Version Description**

### **2.1 Inventory of Software Contents.1 Inventory of Software Contents**

This software version is comprised of the following Computer Software Configuration Item (CSCI) versions:

- DBAdmR 1.1.0.0

### **2.2 Interface Compatibility.2 Interface Compatibility**

This software version is compatible with the following segment versions.

- DII COE 3.1
- Solaris 2.5.1 or HPUX 10.20
- Sybase 11 -or- Oracle 7.3.2.3 –or- Informix 7.2.2
- Motif 1.2

### **2.3 Related Documents.3 Related Documents**

No changes to related documents.

### **2.4 Summary of Change.4 Summary of Change**

Version 1.1.0.0 of DBAdmR adds support for the Solaris 2.5.1 or HPUX 10.20 platform. It will now support an INFORMIX 7.2.2 database.

### **2.5 Known Problems.7 Known Problems**

None.

## **3.**

## Waivers

The following documents are either not required or are not applicable for the DBAdmR segment:

- Software Requirements Specifications
- Database Design Document
- Operators Manual
- Software Users Manual

### 3.1 Copy Of Waiver Letter

The following is a copy of the waiver letter issued 03/21/97 that addresses the above documents:

<b>Formal segment name:</b>	<u>DBA Account Group Runtime Tools</u>
<b>Version:</b>	<u>DBADMR 1.1.0.0</u>
<b>Hardware/OS:</b>	<u>Solaris 2.5.1 /HPUX 10.20</u>

<b>Item</b>	<b><i>Waiver Requested (Yes/No)</i></b>	<b><i>Waiver Granted (Yes/No)</i></b>	<b><i>Reason for Waiver</i></b>
<b>Delivery Letter</b>	No		
<b>List of Required COTS Licenses</b>	No		
<b>Version Description Document (VDD)</b>	No		
<b>Software Requirements Specification (SRS)</b>	Yes	Yes	The requirements for this segment are identified in the Data Access SRS.
<b>Database Design Document (DBDD)</b>	Yes	Yes	Not applicable because no database schemas are created.
<b>Operator's Manual (OM)</b>	Yes	Yes	The system administrator is the operator of the DBAdmR segment thus all applicable operator information is covered in the System Administrator's Manual (SAM).

<b>Software Test Plan (STP)</b>	No		
<b>Software Test Description (STD)</b>	No		
<b>System Test Report (STR)</b>	No		
<b>Installation Procedures (IP)</b>	No		
<b>System Administrator's Manual (SAM)</b>	No		
<b>Software User's Manual (SUM)</b>	Yes	Yes	The system administrator is the user of the DBADM segment thus all applicable user information is covered in the System Administrator's Manual (SAM)
<b>SegDescrip Directory Printed Output</b>	No		
<b>Segment Abstract</b>	No		
<b>Release Restriction Instructions</b>	No		

**Approving Official****Name:** Don Black**Date:** 3/21/97**4.**

## Notes. Notes

The following provides an alphabetical listing of acronyms used in this document:

<b>Acronym</b>	<b>Definition</b>
API	Application Programming Interface
COE	Common Operating Environment
COTS	Commercial Off-the-Shelf System
DBA	Database Administrator
DBAdmR	Database Administration Runtime Tools Software Segment
DBMS	Database Management System
DII	Defense Information Infrastructure
DOD	Department of Defense
GCCS	Global Command and Control System
GOTS	Government Off-the-Shelf System
GUI	Graphical Database Administrator Interface
SHADE	Shared Data Environment
SRS	Software Requirements Specification